

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Hiroshi Touge et al.
Application No.: 10/575,987
Filing Date: April 17, 2006
Title: PROXIMITY SENSOR

) **MAIL STOP PCT**
)
) Group Art Unit:
)
) Examiner:
)
) Confirmation No.: 7035
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**SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date March 14, 2017

By: Matthew L. Schneider
Matthew L. Schneider
Registration No. 32814

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620

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In re Patent Application of)	MAIL STOP
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Hiroshi Touge et al.)	Group Art Unit:
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Application No.: 10/575,987)	Examiner:
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For: PROXIMITY SENSOR)	

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, applicants hereby cite certain documents identified in the four (4) Official Actions issued by the Japanese Patent Office, concerning the corresponding Japanese priority patent applications numbers JP 2003-358227, JP 2003-358228, JP 2003-363422 and JP 2003-370556, in conformance with the provisions of 37 C.F.R. §§ 1.97 and 1.98. A copy of each of the four (4) Official Actions and an English translation thereof are attached hereto.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the cited documents, other than the U.S. patent, is enclosed.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

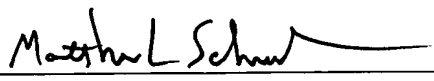
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: March 14, 2007

By:


Matthew L. Schneider
Registration No. 32814

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620

**SECOND
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/575,987
Filing Date	April 17, 2006
First Named Inventor	Hiroshi Touge et al.
Examiner Name	
Attorney Docket No.	1011695-000006

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	5,361,070		McEWAN (Corr. to JP 08-511341 – cited in First Information Disclosure Statement)	11-01-1994

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS					
					Translation	Partial Translation	Eng. Lang. Summary	Official Action	IPER	Abstract
	2002-296344	A	JP	10-09-2002				X		X
	2002-277558	A	JP	09-25-2002				X		X
	2000-031808	A	JP	01-28-2000				X		X
	09-188206	A	JP	07-22-1997				X		X
	2003-036484	A	JP	02-07-2003				X		X

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Official Action issued by the Japanese Patent Office in priority application number 2003-358227, and English translation thereof
	Official Action issued by the Japanese Patent Office in priority application number 2003-358228, and English translation thereof
	Official Action issued by the Japanese Patent Office in priority application number 2003-363422, and English translation thereof
	Official Action issued by the Japanese Patent Office in priority application number 2003-370556, and English translation thereof

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.